

## ABSTRACT OF THE DISCLOSURE

Disclosed herein is a golf ball comprising fast-chemical-reaction-produced component, such as a component which comprises a reaction injection molded polyurethane material. A process of making a golf ball by forming at least one  
5 core and/or cover component of the ball by mixing two or more reactants that react and form a reaction product with a flex modulus of 5 - 310 kpsi in a reaction time of about 5 minutes or less, the component having a thickness of at least 0.01 inches and a demold time of 10 minutes or less is disclosed. In one preferred form of the invention, excess polyurethane from forming golf ball  
10 covers is recycled by using it to form golf ball cores.

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